======= WPI =======

TI - Brass with good dezinci[redacted]ation resisting properties - i[redacted]udes lead, tin, nickel, iron, and alumi[redacted]m

AB - J58181839 Brass with good dezincification corrosion resistance consists by wt. of Cu 65-70%, Pb 1.5-2.5%, Sn 0.5-1.5%, Ni 1.0-2.0%, Fe 0.3-0.8%, Al 0.5-1.0%, and the balance Zn with incidental impurities.

- The brass is excellent in dezincification resistance and has a balanced tensile strength, elongation and Brinell hardness, e.g. respectively 31.4 kg/mm2, 26.4%, and 78 (at 10/1500).(/0)

PN - JP58181839 A 19831024 DW198348 003pp
PR - JP19820065989 19820420
PA - (YAMA-N) YAMAMOTO SANGYO KK
MC - M26-B03 M26-B03Z
DC - M26
IC - C22C9/04
AN - 1983-830567 [48]

======= PAJ =======

TI - SPECIAL BRASS ALLOY

AB - PURPOSE:To obtain the special brass alloy improved in resistance to dezincating corrosion and suited to equipment for supplying or draining water or the like, by letting Cu contain the specified amunts of Pb, Sn, Ni, Fe, Al and Zn.

- CONSTITUTION:The special brass alloy resistant to dezincating corrosion comprises 65-70wt% Cu, 1.5-2.5% Pb, 0.5-1.5% Sn, 1.0-2.0% Ni, 0.3-0.8% Fe, 0.5-1.0% Al, and the balance Zn and inevitable impurities. In this alloying composition, Zn is pref. controlled at 37-30% in terms of Zn eq. This special brass alloy is excellent in resistance to dezincating corrosion, its mechanical property is equal to that of a cast brass article, and it is inexpensive and suited to the use for supplying or draining water esp. such as waterworks.

PN - JP58181839 A 19831024
PD - 1983-10-24
ABD - 19840121
ABV - 008015
AP - JP19820065989 19820420
GR - C206
PA - YAMAMOTO SANGYO KK
IN - YAMAMOTO HIDEKI; others: 02
I - C22C9/04